

Applicant: Wehler et al.
Application No.:

In The Claims

1. (Currently Amended) A ~~[[S]]~~ sliding door system for a vehicle, especially a motor vehicle, comprising: ~~at least one~~

a sliding door (33A, 33B); ~~which can be moved along~~

a track along which the sliding door can be moved; and ~~has at least one~~

a power conduction device (1, 34, 35) which is joined at its one having a first end ~~[[2]]~~

joined to the sliding door (1, 33A, 33B) and with the other a second end ~~[[1]]~~

joined to a fixed part of the vehicle, whereby at least one and an articulated

section (4, 36) is provided between the first and second ends of the power

conduction device (1, 2) which has articulated elements ~~[[5, 36),]]~~ ; and

~~characterized by a support (6, 13, 16, 18, 21, 38) on which at least the articulated section~~

~~[[5, 36)] can be moved in the lying down.~~

2. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 1, ~~characterized by the fact that wherein the support (6, 18, 21) has at least two comprises a plurality of support elements (7, 8, 19, 20) arranged at a distance to one another.~~

3. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim ~~[[1-ø]]~~ 2, ~~characterized by the fact that at least two wherein the support~~~~[[ing]]~~ ~~elements (7, 8-19, 20) are arranged displaced with respect to one another.~~

4. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim ~~[[1,]]~~ 2 ~~[[øø 3]]~~, ~~characterized by the fact that at least two wherein the support~~~~[[ing]]~~ ~~elements (7, 8, 19, 20) have~~ ~~[[a]]~~ different lengths.

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5. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one of Claims 1 to 4~~ claim 1, ~~characterized by the fact that~~ wherein the support ~~(6, 13, 16, 18, 21, 38)~~ has a contact region with the power conduction device, ~~(1, 34, 35) which has~~ and the contacting region has a low frictional coefficient.

6. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 5, ~~characterized by the fact that at least~~ wherein the contact region is formed by a coating on the support.

7. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one or several of the previous claims~~ claim 1, ~~characterized by the fact that~~ wherein the support ~~(6, 13, 16, 18, 21, 38)~~ ~~is formed by at least one~~ comprises a profiled part.

8. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one of claims 1 to 7~~ claim 1, ~~characterized by the fact that~~ wherein the support ~~(6, 13, 16, 18, 21, 38)~~ is releasably joined to the vehicle ~~separably~~.

9. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one or several of the previous Claims 1 to 8~~ claim 1, ~~characterized by the fact that~~ wherein the power conduction device ~~[[4]]~~ is arranged in a guide channel ~~[[11]]~~.

10. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 9, ~~characterized by the fact that~~ wherein the support ~~[[4]]~~ is connected to the guide channel ~~[[11]]~~.

11. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 10, ~~characterized by the fact that~~ wherein the support ~~[[4]]~~ is an integral part of the guide channel ~~[[11]]~~.